

U.S. Department of Transportation
Federal Aviation Administration

RNAV- STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
PASEW (40E)	BOCAL (TF) (FB) (40E)	092.92/8.64	3000	LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 3000 DIRECT BALAC AND HOLD.											
PENDS (40E) (43A)	BENAY (TF) (FB) (40E)	350.03/10.38	3000												
BENAY (IAF) (40E) (43A)	AKICA (TF) (FB) (NOPT) (40E) (41E)	310.54/5.00	3000	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 220.68 INBOUND FAS OBST: 949 TREE 402901N/0854133W *CHART VDP AT 1.03 NM TO RW04 *LNAV ONLY DIST TO THLD FROM 251 HAT: 0.63 NM ROUTE TYPE DESCRIPTION: A, R APPROACH ROUTE QUALIFIER 1: J, W APPROACH ROUTE QUALIFIER 2: S WAAS CHANNEL # 60906 REFERENCE PATH ID: W04A											
BOCAL (IAF) (40E) (43A)	AKICA (TF) (FB) (NOPT) (40E) (41E)	130.42/5.00	3000												
AKICA (IF/IAF) (40E) (43I)	JOSKO (TF) (FB) (40E) (43F)	040.48/6.00	3000												
RW04 (MAP) (40G) (41Y) (43M)	1220 MSL (CA) (42M)	040.53													
1220 MSL	BALAC (DF) (FO) (40E) (41E) (43H)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)															
2. HOLD SW AKICA, RT, 040.48 INBOUND, 3000 FT IN LIEU OF PT (IAF) (40E) (41E) (43C)															
3. FAC: 040.53 FAF: JOSKO DIST FAF TO MAP: 6.44 THLD: 6.44															
4. MIN. ALT: AKICA 3000, JOSKO 3000															
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>															
6. MIN GS INCPT: 3000 GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: 3.00 TCH: 51.5 34:1 IS NOT CLEAR															
8. MSA FROM: RW04 2900				MAG VAR: 3W EPOCH YEAR: 85											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N	A	X								
CATEGORY <u> </u>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1110	3/4	251	1110	3/4	251	1110	3/4	251	1110	3/4	251			
LNAV/VNAV DA	1220	3/4	361	1220	3/4	361	1220	3/4	361	1220	3/4	361			
LNAV MDA	1240	3/4	381	1240	3/4	381	1240	3/4	381	1240	1	381			
CIRCLING	1280	1 1/4	421	1320	1 1/4	461	1320	1 1/2	461	1420	2	561			
NOTES: CHART NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING, AND INCREASE ALL DA/MDA 100 FEET. INOPERATIVE TABLE DOES NOT APPLY TO LPV. FOR INOPERATIVE MALSR INCREASE LNAV CAT A/B/C VISIBILITIES TO 1 AND CAT D TO 1 1/4. DME/DME RNP -0.3 NA. BARO VNAV NA BELOW -16C (4F). VDP AND BARO VNAV NA WHEN USING FORT WAYNE INTL ALTIMETER SETTING. WHEN VGSI INOP CIRCLING RWY 15, 33 NA AT NIGHT.															
CITY AND STATE			ELEVATION: 859 TDZE: 859			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
MARION, IN			AIRPORT NAME: MARION MUNI			RNAV			SEP 30 2004 RNAV (GPS) RWY 4, ORIG			AMDT: NONE			
												DATE			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMZZ
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTION	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	402900.5000N
LTP/FTP LONGITUDE	0854112.9600W
LTP/FTP ELIPSOIDAL HEIGHT	+02276
FPAP LATITUDE	402949.8200N
FPAP LONGITUDE	0854023.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00051.5
TCH UNITS SELECTOR (METER OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH THRESHOLD	106.75
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
LENGTH OFFSET	0088

CRC REMAINDER EA33C43F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02619
FPAP ORTHOMETRIC HEIGHT	+02619

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MARION, IN	AIRPORT NAME: MARION MUNI	RNAV	SEP 30 2004 RNAV (GPS) RWY 4, ORIG	AMDT: NONE
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